

Application/Control	No.
10/539,441	

Examiner
Wayne Langel

Applicant(s)/Patent under Reexamination ISHIKAWA ET AL.

Art Unit	
1754	
į.	

CLASS SUBCLASS CLAIMED NON-CLAIMED	_	ISSUE CLASSIFICATION																
Claims renumbered in the same order as presented by applicant CPA T.D. CR.1.47																		
Claims renumbered in the same order as presented by applicant CPA T.D. R.1.47	CLASS SUBCLASS					CLAIMED						NON-CLAIMED						
Class Subclass (ONE SUBCLASS PER BLOCK)	4	123	3	31	7	6	01	B	2	5-1	18					1		
Claims renumbered in the same order as presented by applicant CPA T.D. R.1.47	·	CRO	SS REFEREN	CES		1				<u></u>						,		
Claims renumbered in the same order as presented by applicant CPA	CLASS	SUBCL	ASS (ONE SU	BCLASS PE	R BLOCK)	1	01	$ \mathcal{B} $	25	12	34			.		1		
Claims renumbered in the same order as presented by applicant CPA	423	32/./	/			Î				1						1		
Claims renumbered in the same order as presented by applicant CPA										1						1		
Claims renumbered in the same order as presented by applicant CPA										1						1		
Claims renumbered in the same order as presented by applicant CPA										1								
Claims renumbered in the same order as presented by applicant CPA										1						1		
Claims renumbered in the same order as presented by applicant CPA	11/2/2011																	
Claims renumbered in the same order as presented by applicant CPA	(A = -)			>	SAL	14 K	7	- y	nge	Total Claims Allowed:						8		
Claims renumbered in the same order as presented by applicant CPA	(Assi:	stant Exan	niner), (Da	te)	asti) 	7 S	1.7	ZnoQ	<i>Y</i> —			D.G.			0, [G	
Claims renumbered in the same order as presented by applicant		\W	1191)	(Primary	Ekami	ner)		(Date)	Ί				(s)				
E E	(Legal Ins	str l yments I	Examiñer)	(Date)		. '	7-9	7_	07	1			/ , ,	ح			11	
E E																		
1 31 61 91 121 151 181 2 32 62 92 122 152 182 3 33 63 93 123 153 183 4 4 34 64 94 124 154 184 5 35 65 95 125 155 185 6 36 66 96 126 156 186 6 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74		s renumi		e same o		esent	ted by		icant	CF	T	·	ו 🗆 ו	Г.D.		R		
1 31 61 91 121 151 181 2 32 62 92 122 152 182 3 33 63 93 123 153 183 4 4 34 64 94 124 154 184 5 35 65 95 125 155 185 6 36 66 96 126 156 186 6 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74	inal la		al inal	. -	inal		न्न	inal		<u></u>	inal		<u>ज</u>	inal		<u></u>	inal	
1 31 61 91 121 151 181 2 32 62 92 122 152 182 3 33 63 93 123 153 183 4 4 34 64 94 124 154 184 5 35 65 95 125 155 185 6 36 66 96 126 156 186 6 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74	iE je		Fi Pi	ដ៏	- Jrig		ιË	Orig		ᄩ	Orig		듄	Orig		朣	Orig	
2 32 32 62 92 122 152 182 3 3 33 63 93 123 153 183 4 4 34 64 94 124 154 184 5 35 65 95 125 155 185 6 36 66 96 126 156 186 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 189 9 39 69 99 129 159 188 188 188 188 188 188 188 188 188 189 199 129 159 189 189 199 159 189 189 199 190 130 160 160 190 130						}			-					1	-			
3 3 63 93 123 153 183 4 4 94 124 154 184 5 35 65 95 125 155 185 6 36 66 96 126 156 186 6 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 10 100 130 160 199 189 193 163 193 <		1 -				ŀ			1						1			
5 35 65 95 125 155 185 6 36 66 96 126 156 188 7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 69 99 129 159 189 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108	3 3] [33		63]		123						183	
6 36 66 96 97 126 156 186 187 187 187 187 188 38 68 98 99 129 159 189 189 149 179 179 209 159 169 179 179 209 159 189 189 189 189 189 189 189 189 189 18		4 -													4			
7 37 67 97 127 157 187 8 38 68 98 128 158 188 9 39 129 159 189 11 41 71 101 131 160 190 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169		┥ ├		-			·		-						-	-		
9 39 129 159 189 11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 <td> </td> <td>1 </td> <td></td> <td></td> <td></td> <td>İ</td> <td></td> <td></td> <td>† · [</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>1</td> <td></td> <td></td>		1				İ			† · [1			
40	- 					[]									
11 41 71 101 131 161 191 12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 <td>8 9</td> <td>-</td> <td></td> <td>_</td> <td></td> <td>ļ</td> <td></td> <td></td> <td> </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td> <td>ļ</td> <td></td>	8 9	-		_		ļ									_	ļ		
12 42 72 102 132 162 192 13 43 73 103 133 163 193 14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 <td< td=""><td>11</td><td>1 </td><td></td><td>-</td><td></td><td>}</td><td></td><td></td><td>-{</td><td></td><td></td><td></td><td></td><td></td><td>1</td><td></td><td></td></td<>	11	1		-		}			-{						1			
14 44 74 104 134 164 194 15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 <td>12</td> <td></td> <td>42</td> <td></td> <td>72</td> <td>į</td> <td></td> <td>102</td> <td>] </td> <td></td> <td></td> <td></td> <td></td> <td>162</td> <td></td> <td></td> <td>192</td>	12		42		72	į		102]					162			192	
15 45 75 105 135 165 195 16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 <td></td> <td></td> <td></td> <td></td> <td></td> <td> </td> <td></td>																		
16 46 76 106 136 166 196 17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 </td <td></td> <td>-</td> <td></td> <td>ļ</td> <td></td> <td>-</td> <td></td> <td></td> <td>- </td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td><u> </u></td> <td></td>		-		ļ		-			-							<u> </u>		
17 47 77 107 137 167 197 18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209		-		ļ		-			-							<u> </u>		
18 48 78 108 138 168 198 19 49 79 109 139 169 199 20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209		1							1 1									
20 50 80 110 140 170 200 21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209] . [·								•						
21 51 81 111 141 171 201 22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209		┨		<u> </u>		-			-				<u> </u>					
22 52 82 112 142 172 202 23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209				<u> </u>		}			- I									
23 53 83 113 143 173 203 24 54 84 114 144 174 204 25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209			52		82			112			142			172			202	
25 55 85 115 145 175 205 26 56 86 116 146 176 206 27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209] [53			[]					173]		203	
26 56 27 57 28 58 29 59 86 116 117 147 117 147 118 148 119 149 179 209	24	┦ ├-		<u> </u>		}			-									
27 57 87 117 147 177 207 28 58 88 118 148 178 208 29 59 89 119 149 179 209		: -				}			1							 		
28 58 88 118 148 178 208 29 59 89 119 149 179 209]			87	ŀ		117]					177			207	
	28	4 F]	-				178			208	
	30	1	59 60		90	}		119 120	-		.149 150			179 180			209 210	